

# Buffalo AirStation™ G54

54 Mbps\* Wireless USB 2.0 Keychain Adapter – WLI-U2-KG54-AI

Buffalo 54 Mbps\* Wireless USB 2.0 Keychain Adapter offers a sleek and convenient way to instantly add 802.11g wireless connectivity through an available USB port on your Windows PC. Desktop users can easily connect via the USB port without the need to open the PC case and install a PCI Card. Mobile users are offered a quick and portable way to connect without taking up a PC Card slot. The added benefit of automatic installation of the client manager software offers genuine plug and play solution to end users. The AirStation One-Touch Secure System (AOSS™) provides a quick and easy way to create a secure wireless access on multiple platforms within minutes. USB extension cable is included with this keychain adapter for versatile connections. Its stylish design and compact size makes the USB keychain adapter the ultimate portable wireless client solution.

- Small & Compact Design
- 802.11g/b, up to 54 Mbps\*
- Easy Setup with Auto Install (no driver needed)
- Installs Client Manager software automatically
- Supports AOSS™
- Supports WPA and 128/64-bit WEP Security
- USB 2.0/1.1
- Bus Powered
- Internal Diversity Antenna
- Supports Infrastructure or Ad-hoc Modes
- USB Extension Cable Included



**AirStation G54**  
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Buffalo AirStation 54 Mbps  
Wireless USB Keychain Adapter



**BUFFALO™** www.buffalotech.com

# Technical Specifications

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### Wireless LAN Interface

Standards Compliance	802.11g (IEEE Wireless LAN Standard) 802.11b (IEEE Wireless LAN Standard)
Communication Protocol	DSSS, Half-Duplex, OFDM
Frequency Range	2.412 - 2.462 Mhz
Transmission Rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b: 1, 2, 5.5, 11 Mbps
Security	Wi-Fi Protected Access™, WEP
Antenna	Diversity Method (internal)
Selectable Channels	11 channel

### Others

USB Interface	USB 2.0 (USB 2.0 works with Windows XP SP1 or Windows 2000 SP4 or later) USB 1.1
Number of USB Port	1
Power Consumption	1452 mW (max.)
Dimensions	11 x 25 x 83 mm
Weight	20 g (0.7 oz )
Operating Environment	0-55°C, 20-80% (non-condensing)

### Communication Range

Speed	Indoor	Outdoor
54Mbps	65 ft.(20 m)	165 ft.(50 m)
11Mbps	245 ft.(75 m)	590 ft.(180 m)
2Mbps	300 ft.(90 m)	1310 ft.(400 m)

All distances are estimated. Wireless connections may be affected as physical conditions and circumstances vary.

<b>Support Available for:</b>	Windows XP, 2000, ME, 98SE
<b>Package Contents:</b>	AirStation 54 Mbps* Keychain Adapter, Setup CD-ROM with User's Manual, Quick Setup Guide, Warranty Statement
<b>Related Products:</b>	AirStation 802.11g/b Wireless Access Points, Routers, Client Adapters & AirStation 2.4 GHz Antennas



## AirStation G54

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Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award-winning line of AirStation 54g products; its 125<sup>+</sup> High-Speed Mode™ 802.11g products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products – perfectly suited for any wireless environment.

With its new AirStation One-Touch Secure System (AOSS™), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.



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\* Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

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